|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Federal Major Sources located in designated area** | **Attainment** | | **Potential Nonattainment** | | **Nonattainment** | | **Transitional** | | **Maintenance** | |
| Maintain AQ | | Prevent nonattainment | | Improve AQ | | Maintain/improve AQ | | Maintain/improve AQ | |
| Major NSR | Minor NSR | Major NSR | Minor NSR | Major NSR | Minor NSR | Major NSR | Minor NSR | Major NSR | Minor NSR |
| FM for any pollutant, major mod for any pollutant |  | NAA pollutant > 100 tpy & major mod for NAA pollutant | NAA pollutant > 100 tpy | NAA pollutant > 100 tpy & major mod for NAA pollutant | NAA pollutant > 100 tpy | NAA pollutant > 100 tpy & major mod for NAA pollutant | NAA pollutant > 100 tpy | NAA pollutant > 100 tpy & major mod for NAA pollutant | NAA pollutant > 100 tpy |
| AQ Mon[[1]](#footnote-1) |  | AQ Mon[[2]](#footnote-2) |  |  |  |  |  | AQ Mon1 |  |
| BACT |  | BACT |  | LAER |  | LAER |  | BACT |  |
| NAAQS | NAAQS | NAAQS | NAAQS |  |  |  | NAAQS | NAAQS | NAAQS |
| PSD Inc II | PSD Inc II | PSD Inc II | PSD Inc II |  |  |  | PSD Inc II | PSD Inc II | PSD Inc II |
| PSD Inc I | PSD Inc I | PSD Inc I | PSD Inc I |  |  |  | PSD Inc I | PSD Inc I | PSD Inc I |
| AQRV | AQRV | AQRV | AQRV | AQRV | AQRV | AQRV | AQRV | AQRV | AQRV |
|  |  | and | or |  |  |  | or | and | or |
|  |  | NAQB: Offsets (<1.0:1) | NAQB:  Offsets[[3]](#footnote-3)  (<1.0:1) | NAQB:  Offsets3  (<1.2:1) | NAQB: Offsets3  (<1.2:1) | NAQB:  Offsets3  (<1.2:1) | NAQB:  Offsets4 (<1.0:1) | NAQB:  Offsets[[4]](#footnote-4)  (<1.0:1) | NAQB: Offsets4  (<1.0:1) |
| Add’l Impacts |  | Add’l Impacts |  |  |  | Add’l Impacts |  | Add’l Impacts |  |
|  |  |  |  | Alternatives Analysis |  | Alternatives Analysis |  |  |  |
|  |  |  |  | Certify Compliance for all sources |  | Certify Compliance for all sources |  |  |  |
| SER to Federal Major -1 Sources located in designated area | NA |  | NA | BACT5 | NA | BACT[[5]](#footnote-5) | NA | BACT5 | NA | BACT5 |
| NAAQS | NAAQS |  | NAAQS | NAAQS |
| PSD Inc II | PSD Inc II |  | PSD Inc II | PSD Inc II |
| PSD Inc I | PSD Inc I |  | PSD Inc I | PSD Inc I |
|  | or  NAQB: Offsets3  (<1.0:1) | NAQB: Offsets3  (<1.0:1) | or  NAQB: Offsets4  (<1.0:1) | or  NAQB: Offsets4 (<1.0:1) |
| Source > SER impacting designated area | NAAQS  PSD Inc II | | Offsets6 | | Offsets[[6]](#footnote-6) | | Offsets6 | | Offsets6 | |

|  |
| --- |
| New concept |

Ozone NAQB: (offsets only) No change to current ozone offsets requirements

Other Pollutant NAQB: (offsets and AQ Analysis backstop)

1. Exempt if < SMC; 4 months seasonal data; or post-construction monitoring allowed [↑](#footnote-ref-1)
2. Cannot build if background concentration > NAAQS [↑](#footnote-ref-2)
3. <SIL at all receptors in designated area; or

   < SIL at monitor receptor(s); and

   <10% of NAAQS at all other receptors in designated area, including the impacts from other sources as described below:

   subtract priority source offsets from the source’s emissions increase

   model all emission increases or decreases from sources that increased or decreased emissions since the potential NAA or NAA designation, excluding offsets

   model offsets from non-priority sources separately

   subtract non-priority source offset impacts from source impacts [↑](#footnote-ref-3)
4. Offsets3; or, model below maintenance area ceilings or get growth allowance, if specified in a maintenance plan [↑](#footnote-ref-4)
5. If there is a physical major modification [↑](#footnote-ref-5)
6. Offsets sufficient to reduce impacts to less than SIL at all receptors within the designated area or <1.0:1 offsets provided the offsets had a significant impact on designated area [↑](#footnote-ref-6)